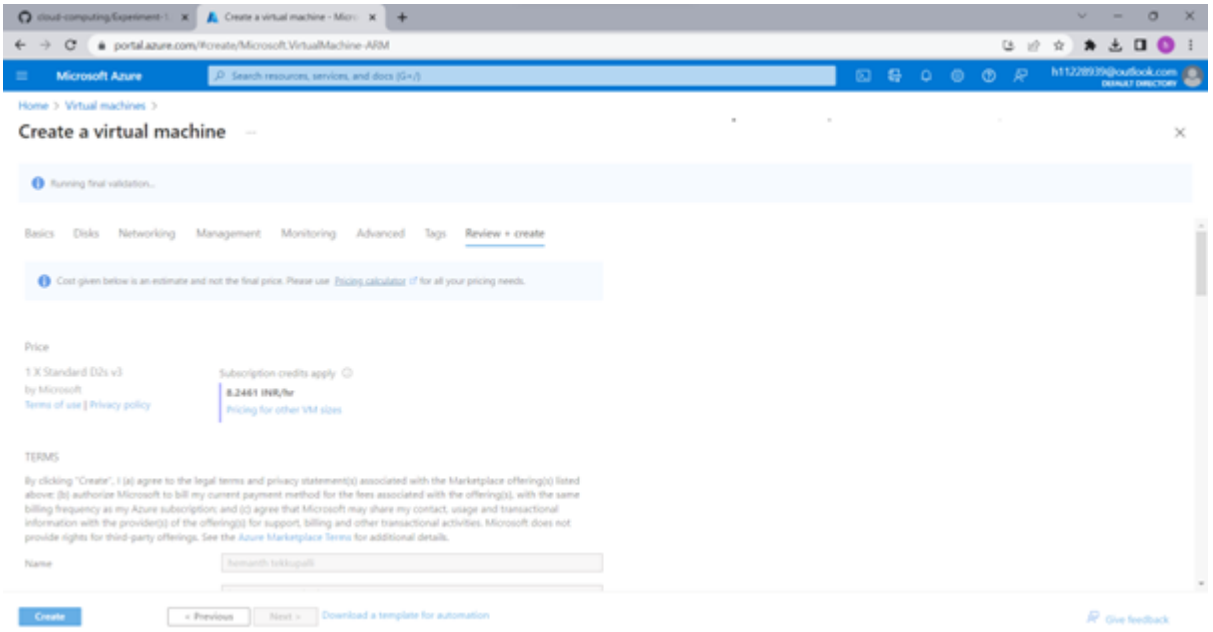
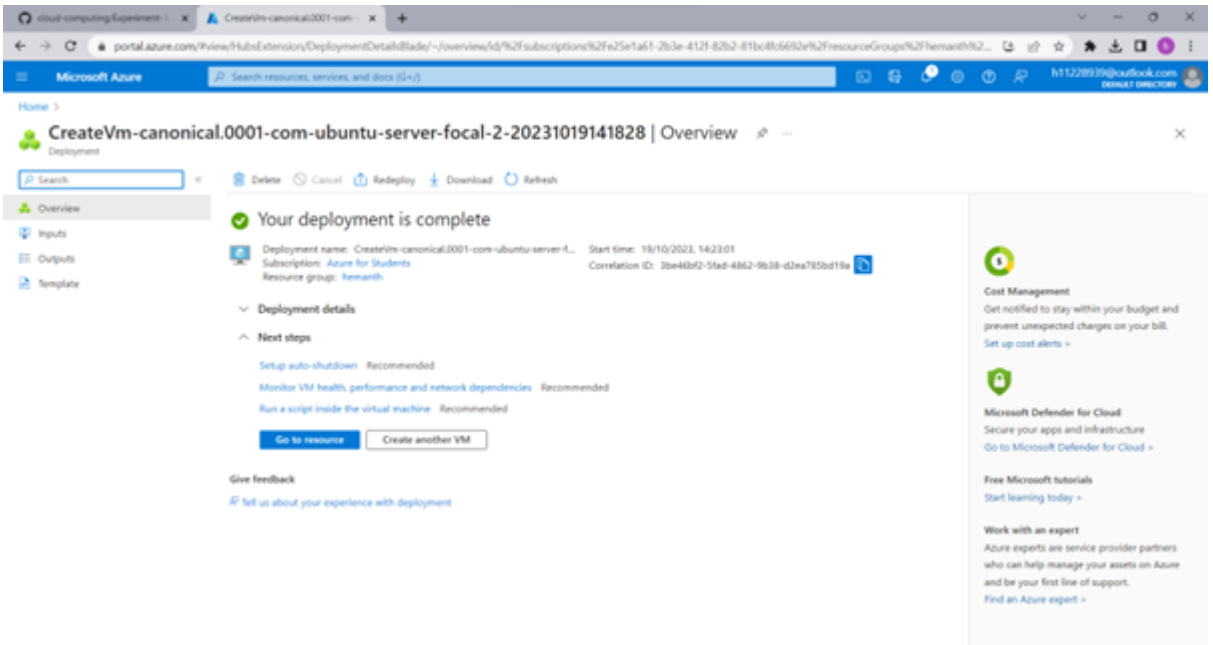
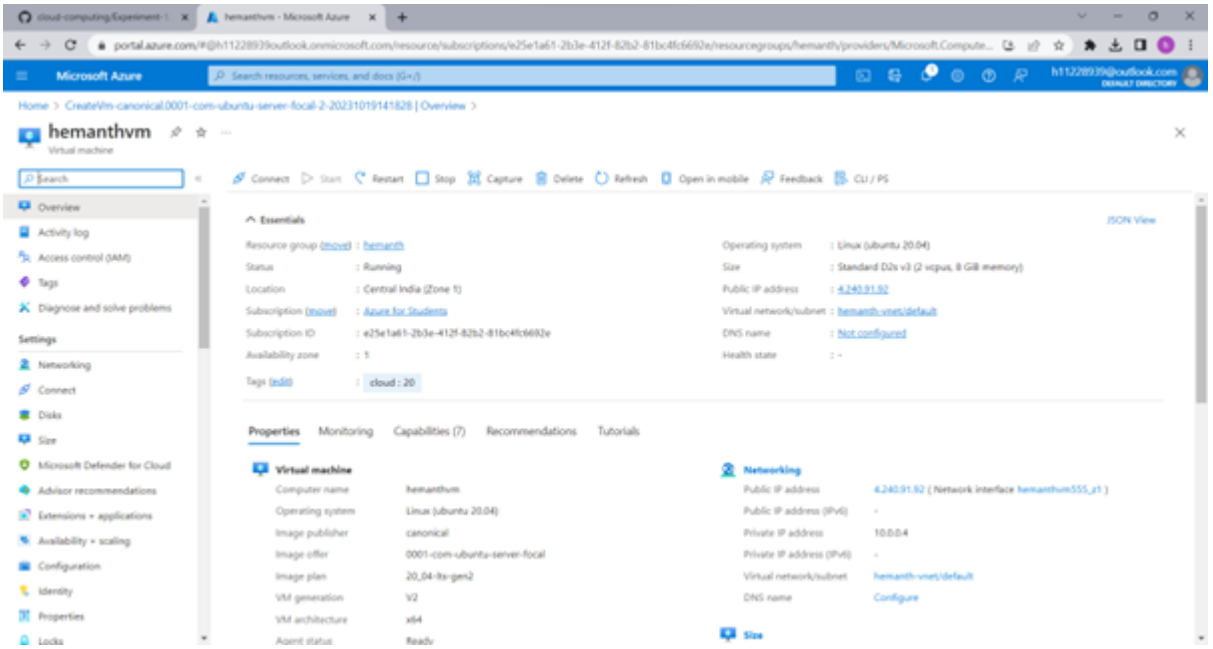
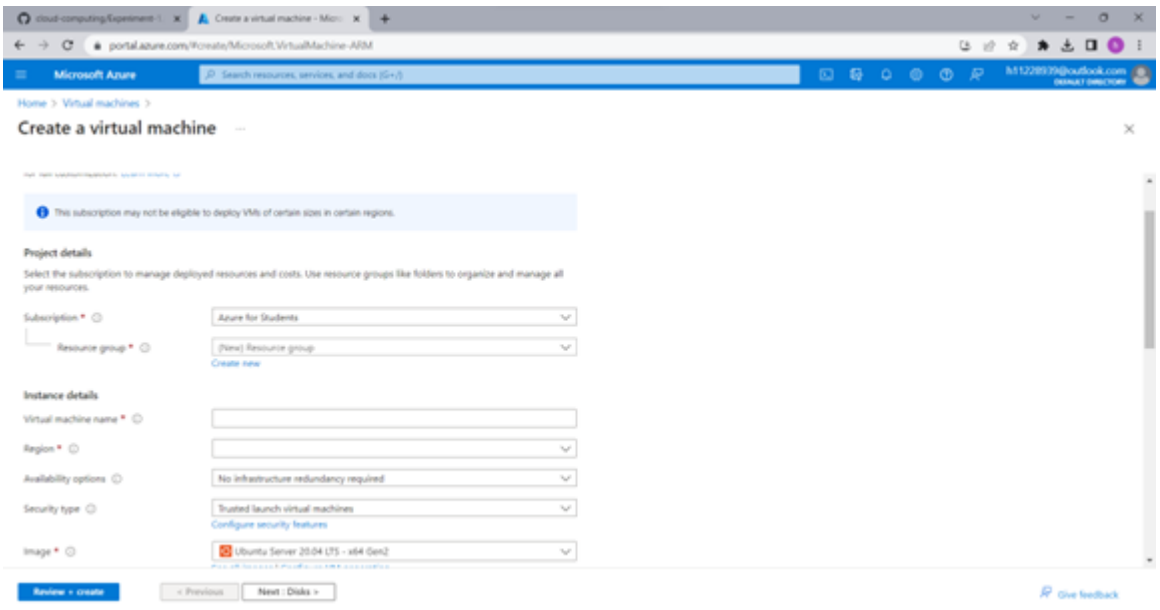
Experiment 15

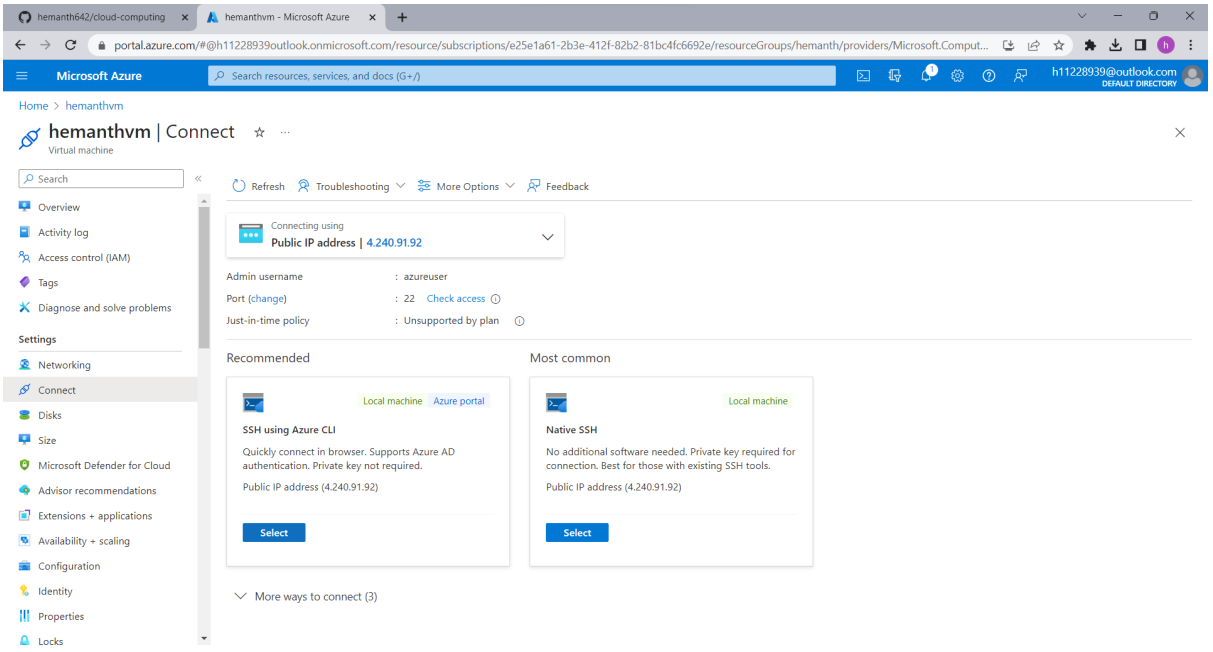
Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider






Microsoft Azure
Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231019141828 | Overview >
hemanthvm
Virtual machine
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Settings
Networking
Connect
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Availability + scaling
Configuration
Identity
Properties
Locks
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
Feedback
CLI / PS
Essentials
JSON View
Resource group (move) : hemanth
Status : Running
Location : Central India (Zone 1)
Subscription (move) : Azure for Students
Subscription ID : e25e1a61-2b3e-412f-82b2-81bc4fc6692e
Availability zone : 1
Tags (edit) : cloud : 20
Operating system : Linux (ubuntu 20.04)
Size : Standard D2s v3 (2 vcpus, 8 GiB memory)
Public IP address : 4.240.91.92
Virtual network/subnet : hemanth-vnet/default
DNS name : Not configured
Health state : -
Properties
Monitoring
Capabilities (7)
Recommendations
Tutorials
Virtual machine
Computer name hemanthvm
Operating system Linux (ubuntu 20.04)
Image publisher canonical
Image offer 0001-com-ubuntu-server-focal
Image plan 20_04-lts-gen2
VM generation V2
VM architecture x64
Agent status Ready
Networking
Public IP address 4.240.91.92 (Network interface hemanthvm555_z1)
Public IP address (IPv6) -
Private IP address 10.0.0.4
Private IP address (IPv6) -
Virtual network/subnet hemanth-vnet/default
DNS name Configure
Size


Microsoft Azure
Home > Virtual machines >
Create a virtual machine
This subscription may not be eligible to deploy VMs of certain sizes in certain regions.
Project details
Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.
Subscription * Azure for Students
Resource group * (New) Resource group
Create new
Instance details
Virtual machine name *
Region *
Availability options No infrastructure redundancy required
Security type Trusted launch virtual machines
Configure security features
Image * Ubuntu Server 20.04 LTS - x64 Gen2
Review + create
< Previous
Next : Disks >
Give feedback


hemanth642/cloud-computing
hemanthvm - Microsoft Azure
portal.azure.com/#@h11228939outlook.onmicrosoft.com/resource/subscriptions/e25e1a61-2b3e-412f-82b2-81bc4fc6692e/resourceGroups/hemanth/providers/Microsoft.Comput...
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DEFAULT DIRECTORY
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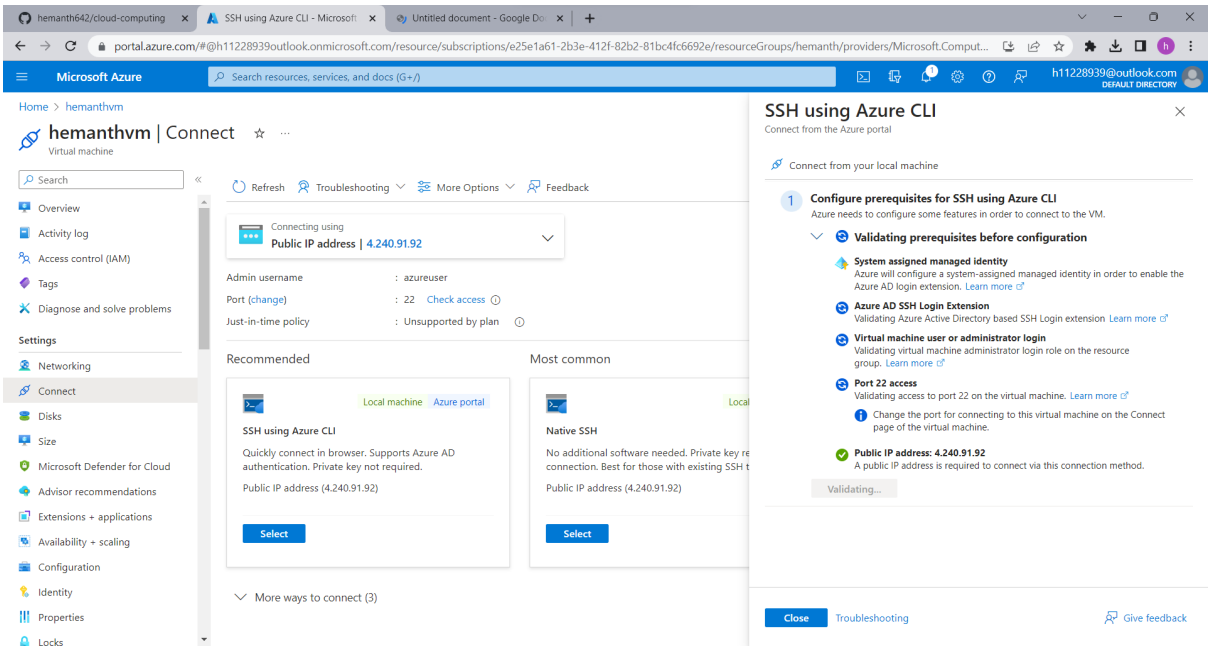
Configuration
Identity
Properties
Locks
Refresh
Troubleshooting
More Options
Feedback
Connecting using
Public IP address | 4.240.91.92
Admin username : azureuser
Port (change) : 22 Check access
Just-in-time policy : Unsupported by plan
Recommended
Most common
Local machine
Azure portal
SSH using Azure CLI
Quickly connect in browser. Supports Azure AD authentication. Private key not required.
Public IP address (4.240.91.92)
Select
Native SSH
No additional software needed. Private key required for connection. Best for those with existing SSH tools.
More ways to connect (3)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SSH using Azure CLI - Microsoft
Untitled document - Google Do
portal.azure.com/#@h11228939outlook.onmicrosoft.com/resource/subscriptions/e25e1a61-2b3e-412f-82b2-81bc4fc6692e/resourceGroups/hemanth/providers/Microsoft.Comput...
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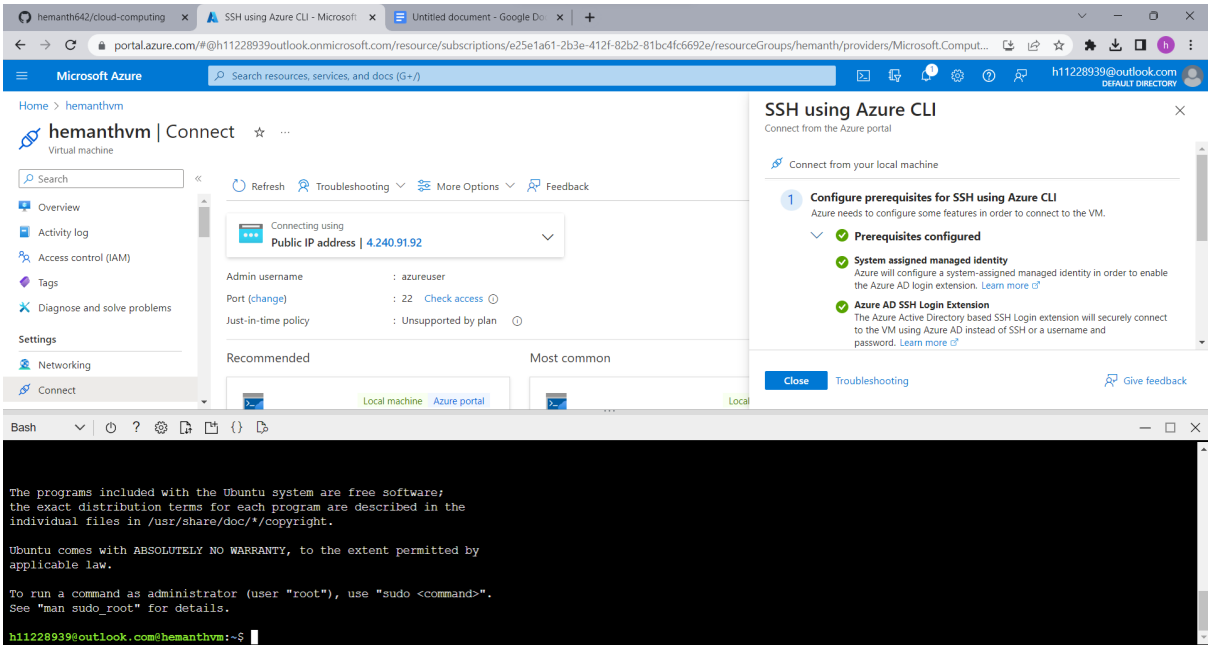
More ways to connect (3)
SSH using Azure CLI
Connect from the Azure portal
Connect from your local machine
1 Configure prerequisites for SSH using Azure CLI
Azure needs to configure some features in order to connect to the VM.
Validating prerequisites before configuration
System assigned managed identity
Azure will configure a system-assigned managed identity in order to enable the Azure AD login extension. Learn more
Azure AD SSH Login Extension
Validating Azure Active Directory based SSH Login extension. Learn more
Virtual machine user or administrator login
Validating virtual machine administrator login role on the resource group. Learn more
Port 22 access
Validating access to port 22 on the virtual machine. Learn more
Change the port for connecting to this virtual machine on the Connect page of the virtual machine.
Public IP address: 4.240.91.92
A public IP address is required to connect via this connection method.
Validating...
Close
Troubleshooting
Give feedback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Prerequisites configured
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Azure AD SSH Login Extension
The Azure Active Directory based SSH Login extension will securely connect to the VM using Azure AD instead of SSH or a username and password. Learn more
Close
Troubleshooting
Give feedback
Bash
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
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